



GFDL RESEARCH DRIVERS



LEGISLATIVE DRIVERS

- National Weather Service Organic Act (1890)
- National Climate Program Act (1978)
- Global Climate Protection Act (1987)
- Global Change Research Act (1990)
- High Performance Computing and Communication Act (1991)
- Data Quality Act (2001)
- Integrated Coastal and Ocean Observation System Act (2009)
- Federal Ocean Acidification Research and Monitoring Act (2009)

POLICY DRIVERS

- US Climate Change Science Program Research Plan (2008)
- UN Framework Convention on Climate Change
- Montreal Protocol on Substances that Deplete the Ozone Layer
- United States Global Change Research Program (USGCRP)
- US Carbon Cycle Science Plan
- Global Climate Observing System Implementation Plan
- Global Earth Observing System of Systems (GEOSS) Strategic Plan
- NOAA's Arctic Action Plan
- National Strategy for the Arctic Region Implementation Plan (2014)





NOAA'S NEXT GENERATION STRATEGIC PLAN GOALS

Healthy Oceans

Weather Ready Nation Climate
Adaptation &
Mitigation

Resilient Coastal
Communities &
Economies









SCIENCE & TECHNOLOGY





NOAA'S ORGANIZATION

LINE OFFICES



NATIONAL MARINE FISHERIES SERVICE



NATIONAL OCEAN SERVICE



SATELLITES & DATA INFORMATION SERVICE



RESEARCH



NATIONAL WEATHER



INTEGRATION

LEADERSHIP

Assistant Administrator Oceanic & Atmospheric Research (OAR)

Craig McLean (A)

Deputy Assistant Administrator Programs & Administration

Dr. Steven Fine (A)

Deputy Assistant Administrator Laboratories & Cooperative Institutes

Dr. Steven Fine

Chief Science Advisor

Dr. Alexander MacDonald

PROGRAMS

Climate Program Office

National Sea Grant College Program

Dr. Wayne Higgins

Dr. Leon Cammen

Office of Ocean Exploration & Research

John McDonough (A)

Office of Weather & Air Quality

Dr. John Cortinas

Ocean Acidification Program

Dr. Libby Jewett

LEADERSHIP/HQ STAFF OFFICES

Chief Financial Officer & Chief Administrative Officer

Jason Donaldson

Office of Policy, Planning & Evaluation

Dr. Gary Matlock

International Activities Staff

Dr. Terry Schaefer (A) Communications Office

Barry Reichenbaugh

HQ OFFICES

Laboratories & Cooperative

Dr. Mike Uhart

Science Advisory Board Staff

Dr. Cynthia Decker

LABORATORIES

Air Resources Laboratory Richard Artz (A)

Laboratory

Dr. Robert Atlas

& Meteorological

Atlantic Oceanographic

Great Lakes Environmental

Dr. John Bratton (A)

Geophysical Fluid Dynamics Laboratory

Dr. Venkatachalam Ramaswamy

Earth System Research Lab Globel Monitoring Division Physical Sciences Division Chemical Sciences Division Global Systems Division

Dr. Alexander MacDonald

National Severe Storms Research Laboratory Laboratory

Dr. Steven Koch

Pacific Marine Environmental Laboratory

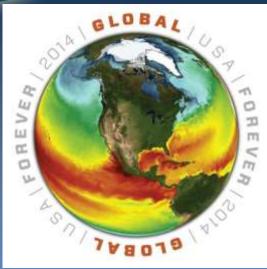
Dr. Chris Sabine





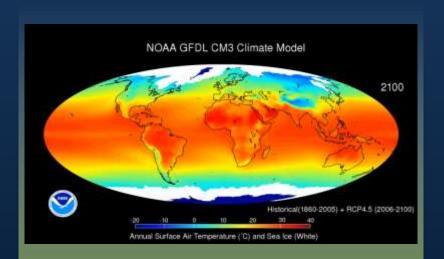


OAR'S VISION & MISSION



A society that uses the results of our research as the scientific basis for more productive and harmonious relationships between humans and the environment.

VISION



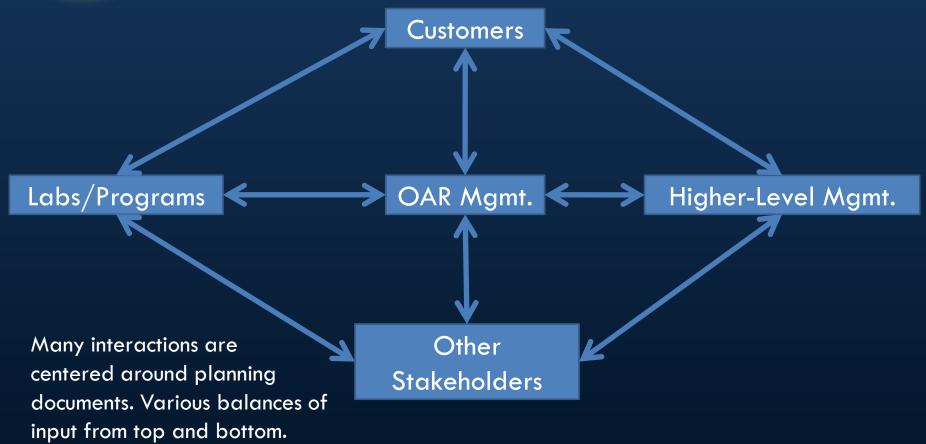
To conduct environmental research, provide scientific information and research leadership, and transfer research into products and services to help NOAA meet the evolving economic, social, and environmental needs of the Nation.

MISSION





NOTIONAL APPROACH TO PLANNING R&D





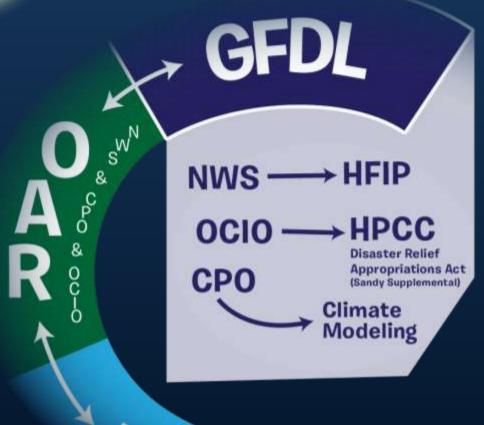


NOAA'S FUNDING PROCESS





NOAA'S FUNDING PROCESS







CHARGE TO REVIEWERS



QUALITY: Assess quality of lab's R&D



RELEVANCE: Assess lab's R&D relevance to NOAA's mission & value to Nation



PERFORMANCE: Assess overall effectiveness of lab's plans & R&D in meeting NOAA's Strategic Plan objectives & Nation's needs





HOW OAR USES YOUR REVIEW

Assist labs in strategically positioning, planning, & executing future science

Maintain consistency with NOAA planning & budgeting



Recognize lab scientists' leadership excellence & contributions in research fields

Identify equipment & facility deficiencies

Locate communication strengths & weaknesses between labs/offices/leadership

